

*Application No. 09/821,410*

*Amndt. dated: March 15, 2006*

*Reply to Office Action mailed: March 07, 2006*

#### REMARKS

Claims 1, 2, 43, 5, 8-16, 18, 20, 23-32, 34-45, and 47-52 are pending. Claim 1 has been amended.

Claim 1 has been amended to add a definition of the term " $g_k$ " inserted in the claim by Examiner's Amendment. In the Office Action mailed 11/14/2005, claim 1 was rejected under 35 USC 112, second paragraph, partly because the term " $g_k$ " was undefined; in response, the term was deleted from claim 1. The Examiner's Amendment reinserted the term " $g_k$ " but without its definition – "signal noise component". The proposed amendment thus avoids the ground of rejection previously raised under 35 USC 112, second paragraph.


As noted at Page 7, lines 3-4 of the specification, the signal noise component may be neglected in certain applications. In paragraph [0019] of the specification (line 15 to end of paragraph), it is explained that the noise component expressed in matrix notation as " $G$ " (equation (2) – page 7) is neglected in the development of equation (7):  $H = MY$  which appears in claims 9, 16, 26, and 39.

If there are any remaining issues that could be resolved by discussion, a telephone call to the undersigned attorney at (425) 402-4638 would be appreciated.

Date: June 20, 2006

**Hewlett-Packard Company**  
Intellectual Property Administration  
P.O. Box 272400  
Fort Collins, Colorado 80527-2400

Respectfully submitted,



N. Rhys Merrett  
Attorney for Applicant, Reg. No. 27,250